

DOCKET NO.: ALLE0045-100 (17675 BOT)  
Serial No. 10/817,036

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PATENT

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**Listing of Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for treating a melanin related affliction, the method comprising the steps ~~step~~ of
  - (a) identifying a patient in need of treatment for a melanin related affliction, wherein the affliction can be treated with an administration of a botulinum toxin, and
  - (b) administering the a botulinum toxin to the skin of the a patient, thereby treating the a melanin related affliction.
2. (currently amended) The method of claim 1, wherein the melanin related affliction is a skin pigmentation disorder, and the botulinum toxin is administered to increase or decrease the pigmentation of the skin.
3. (currently amended) The method of claim 2, wherein the skin pigmentation disorder is treated by increasing the pigmentation of the skin treated so that the treated skin becomes darker.
4. (original) The method of claim 2, wherein the skin pigmentation disorder is treated by decreasing the pigmentation of the skin treated so that the treated skin becomes lighter.
5. (currently amended) A method for influencing a skin pigmentation, the method comprising the steps ~~step~~ of
  - (a) identifying a patient in need of influencing skin pigmentation, wherein the pigmentation can be influenced by an administration of a botulinum toxin, and
  - (b) administering the a botulinum toxin to the skin of the a patient, thereby influencing the a skin pigmentation.

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6. (currently amended) A method for treating a melanin related affliction, the method comprising the steps ~~step~~ of
- (a) identifying a patient in need of treatment for a melanin related affliction, wherein the affliction can be treated by an administration of a botulinum toxin, and
  - (b) administering ~~the~~ a botulinum toxin to a skin or hair location of a melanin related affliction of ~~the~~ a patient, thereby treating the melanin influenced melanin related affliction by reducing a symptom of the melanin related affliction selected from the group of symptoms consisting of pain, inflammation and vascularization.
7. (currently amended) The method of claim 16 ~~[[1]]~~, wherein the step of administering a botulinum toxin reduces the size of the melanin related affliction on the skin is treated by reducing a size of the melanin influenced affliction.
8. (currently amended) A method for altering hair color, the method comprising the steps ~~step~~ of
- (a) identifying a patient in need of altering hair color, wherein the hair color can be altered by an administration of a botulinum toxin, and
  - (b) administering ~~the~~ a botulinum toxin to the hair, thereby altering the hair color.
9. (currently amended) The method of claim 8, wherein the step of administering a botulinum toxin increases hair color is altered by increasing the amount of pigmentation in the hair so that the hair becomes darker.
10. (currently amended) The method of claim 8 ~~[[1]]~~, wherein the step of administering a botulinum toxin decreases hair color is altered by decreasing the amount of pigmentation in the hair so that the hair becomes lighter.

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11. (original) The method of claim 1, wherein the botulinum toxin is selected from the group consisting of botulinum toxin types A, B, C, D, E, F and G.
12. (original) The method of claim 1, wherein the botulinum toxin is a botulinum toxin type A.
13. (original) The method of claim 1, wherein the botulinum toxin is administered in an amount of between about 1 unit and about 3,000 units.
14. (original) The method of claim 1, wherein the administration is by topical or subcutaneous administration of the botulinum toxin.
15. (currently amended) A hair removal method, the method comprising the steps step of
  - (a) identifying a patient in need of hair removal, wherein the hair can be removed by an administration of a botulinum toxin, and
  - (b) administering the a botulinum toxin to the hair of the a patient.
16. (new) The method of claim 1, wherein the melanin related affliction presents as a skin area having a distinct color and size.
17. (new) The method of claim 1, wherein the melanin related affliction is a noncancerous disorder.
18. (new) A method for treating a melanin related affliction, the method comprising the steps of

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(a) identifying a patient in need of treatment for a melanin related affliction, wherein the melanin related affliction is not a melanoma, and wherein the affliction can be treated with an administration of a botulinum toxin, and

(b) administering the botulinum toxin to the skin of the patient, thereby treating the melanin related affliction.

19. (new) The method of claim 18, wherein the melanin related affliction is a skin pigmentation disorder, and the botulinum toxin is administered to increase or decrease the pigmentation of the skin.

20. (new) The method of claim 19, wherein the skin pigmentation disorder is treated by increasing the pigmentation of the skin treated so that the treated skin becomes darker.

21. (new) The method of claim 19, wherein the skin pigmentation disorder is treated by decreasing the pigmentation of the skin treated so that the treated skin becomes lighter.

22. (new) A method for treating a melanin related affliction, the method comprising the steps of

(a) identifying a patient in need of treatment for a melanin related affliction, wherein the affliction can be treated with an administration of a native botulinum toxin, and

(b) administering the botulinum toxin to the skin of the patient, thereby treating the melanin related affliction.